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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/769,478	01/26/2001	Wun Fang Pan	MR1197-439	5527
4586	7590	10/03/2003	EXAMINER	
ROSENBERG, KLEIN & LEE 3458 ELLICOTT CENTER DRIVE-SUITE 101 ELLICOTT CITY, MD 21043			MC CALL, ERIC SCOTT	
			ART UNIT	PAPER NUMBER
			2855	

DATE MAILED: 10/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

APJ

<b>Office Action Summary</b>	<b>Application N .</b>	<b>Applicant(s)</b>
	09/769,478	PAN, WUN FANG
	Examiner Eric S. McCall	Art Unit 2855

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
**THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is FINAL.                  2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1 and 2 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
 If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
 \* See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
 a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s). _____.
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.	6) <input type="checkbox"/> Other: _____

## **CHRISTMAS BULB STRUCTURE**

### **FIRST OFFICE ACTION**

#### **ABSTRACT**

The abstract is objected to because of the grammatical errors therein.

#### **SPECIFICATION**

The specification is objected to because of the numerous grammatical errors therein.

#### **CLAIMS**

##### *Objections*

Claim 1 is objected to because the word “wire” in line 1 should be changed to --wires--.

35 U.S.C. § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 2 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which the Applicant regards as the invention because claim 2 sets forth the number of fuses in the bulb as being more than two which contradicts claim 1, from which claim 2 depends, which sets forth the number of fuses in the bulb as being two.

35 U.S.C. § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Helbig et al. (5,453,655).

Helbig et al. teach a bulb structure (fig. 7) including a pair of conducting wires (47) in the bulb being provided with a filament (44) and two fuses (46) therebetween in parallel (ie. as claimed, the fuses are between the conducting wires and are in a parallel relationship).

35 U.S.C. § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Helbig et al. (5,453,655).

Helbig et al. teach a bulb structure having two fuses but fail to teach a bulb structure having more than two fuses. However, it would have been obvious to one having ordinary skill in the art to modify the teachings of Helbig et al. to incorporate more than two fuses therein. The motivation being that (1) fuses are well known devices to protect electrical devices and thus the reasoning for Helbig et al. to use such fuses, and (2) Helbig et al. teach in col. 8, lines 41-45 that the conducting wires and the respective fuse elements are connected in any suitable manner.

Thus one of ordinary skill in the art armed with said teaching would have the suggestion that more than two fuses could be used to further protect the bulb in comparison to just two fuses.

**RELEVANT ART**

The Applicant's attention is directed to the enclosed "PTO 892" form for the prior art made of record and not relied upon but considered pertinent to the Applicant's disclosure.

**CONCLUSION**

Any inquiry concerning this communication should be directed to Eric S. McCall at telephone number (703) 308-6968.

*E.S. McCall*  
Eric S. McCall  
Primary Examiner  
Art Unit 2855  
Sep. 25, 2003